

#14

Substitute for Form 1449/PTO

# INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

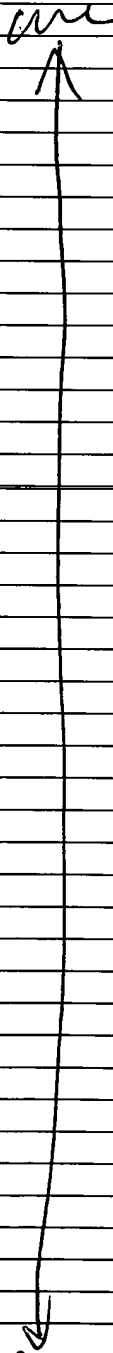
(use as many sheets as necessary)

### Complete if Known

Application Number	09/800,633
Filing Date	03/06/2001
First Named Inventor:	Edward L. Schwartz
Art Unit	2624
Examiner Name	Wenpeng Chen
Attorney Docket Number	074451.P127D9

Sheet 1 of 8

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
		US-	3,580,655	5/25/1971	Leith et al.	<div>RECEIVED</div> <div>APR 13 2004</div> <div>Technology Center 2600</div>
		US-	3,950,103	4/13/1976	Schmidt-Weinmar	
		US-	4,136,954	1/30/1979	Jamieson	
		US-	4,155,097	5/15/1979	Lux	
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		US-	4,223,354	9/16/1980	Noble et al.	
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		US-	4,652,881	3/24/1987	Lewis	
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		US-	4,815,023	3/21/1989	Arbeiter	
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		US-	4,837,517	6/6/1989	Barber	
		US-	4,839,889	6/13/1989	Gockler	
		US-	4,858,017	8/15/1989	Torbey	
		US-	4,864,398	9/5/1989	Avis et al.	
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		US-	4,894,713	1/16/1990	Delogne et al.	
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		US-	4,904,073	2/27/1990	Lawton et al.	
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		US-	4,922,544	5/1/1990	Stansfield et al.	
		US-	4,929,223	5/29/1990	Walsh	
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## INFORMATION DISCLOSURE

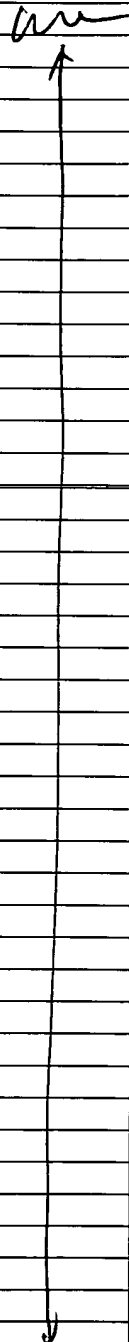
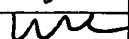
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Attorney Docket Number	074451.P127D9

Sheet 2 of 8

## U.S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)				
		US-	4,985,927	1/15/1991	Norwood et al.	
		US-	4,987,480	1/22/1991	Lippman et al.	
		US-	4,999,705	3/12/1991	Puri	
		US-	5,000,183	3/19/1991	Bonnefous	
		US-	5,001,764	3/19/1991	Wood et al.	
		US-	5,014,134	5/7/1991	Lawton et al.	
		US-	5,018,210	5/21/1991	Merryman et al.	RECEIVED
		US-	5,049,992	9/17/1991	Citta et al.	
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		US-	5,068,911	11/26/1991	Resnikoff et al.	
		US-	5,072,308	12/10/1991	Lin et al.	Technology Center 2600
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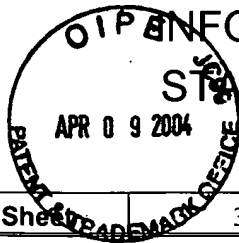
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

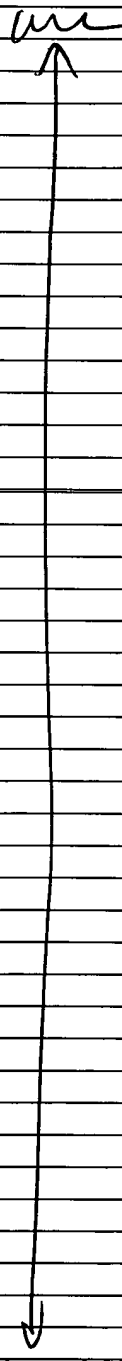
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		Number-Kind Code <sup>2</sup> (if known)				
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Application Number	09/800,633
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First Named Inventor:	Edward L. Schwartz
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Attorney Docket Number	074451.P127D9

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

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Substitute for Form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/800,633	
			Filing Date	03/06/2001	
			First Named Inventor:	Edward L. Schwartz	
			Art Unit	2624	
			Examiner Name	Wenpeng Chen	
			Attorney Docket Number	074451.P127D9	
Sheet	5	of	8		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
w ↑		EPO	0510933 A1	10/28/1992	Canon Kabushiki Kaisha	
		EPO	0593013 A2	4/20/1994	Kabushiki Kaisha Toshiba	
		EPO	0611051 A1	8/17/1994	Canon Kabushiki Kaisha	
		EPO	0622741 A2	11/2/1994	Klics, Ltd.	
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		UK GB	2 303 031 A	2/5/1997	Ricoh Company Ltd.	
		UK GB	2 341 035 A	3/1/2000	Ricoh Company Ltd.	

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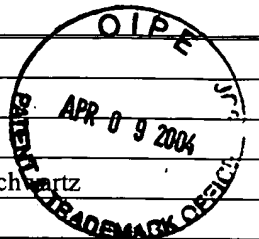
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Sheet	6	of	8	Attorney Docket Number	074451.P127D9
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		ANTONINI, et al., "Image Coding Using Wavelet Transform", <u>IEEE Transactions on Image Processing</u> , Vol 1, No. 2, April 1992, pp. 205-220.			
		BLUMBERG, et al., "Visual Realism and Interactivity for the Internet", IEEE, 1997, pp. 269-273.			
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
<i>me</i>		GHARAVI, et al., "Sub-band Coding of Digital Images Using Two-Dimensional Quadrature Mirror Filtering", SPIE Vol. 707 Visual Communications and Image Processing, 1986, p. 51-61.	
<i>↑</i>		GORDON, BENJAMIN M., et al., "A 1.2 mW Video-Rate 2-D Color Subband Decoder," IEEE Journal of Solid-State Circuits, IEEE Inc. New York, Vol. 30, No. 12, Dec. 1, 1995, pgs. 1510-1516.	
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WENPENG CHEN

PRIMARY EXAMINER

8/11/04

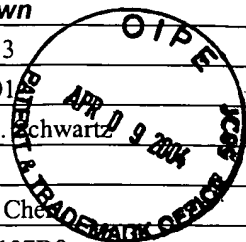
Patent Form 1449 (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP on 09/10/03.

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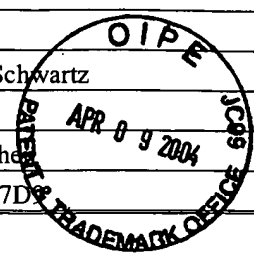
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<b>Substitute for Form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	09/800,633	
			Filing Date	03/06/2001	
			First Named Inventor:	Edward L. Schwartz	
			Art Unit	2624	
			Examiner Name	Wenpeng Chen	
Sheet	8	of	8	Attorney Docket Number	074451.P127D



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Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
me		SHAH, et al., "A Chip Set for Lossless Image Compression", <u>IEEE Journal of Solid-State Circuits</u> , Vol. 26, No. 3, March 1991, pp. 237-244.	
↑		SHAPIRO, J. M., "An Embedded Hierarchical Image Coder Using Zerotrees of Wavelet Coefficients", <u>IEEE</u> , 1993, pp. 214-223.	
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		SZU, et al., "Image Wavelet Transforms Implemented by Discrete Wavelet Chips", <u>Optical Engineering</u> , July 1994, Vol. 33, No. 7, pp.2310-2325.	
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